

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025265.D
 Acq On : 03 Feb 2023 08:43
 Operator : SY/MD
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005420

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/03/2023
 Supervised By :Mahesh Dadoda 02/04/2023

Quant Time: Feb 03 11:16:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:15:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	366987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	350495	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167636	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	19952	5.618	ug/L	0.00
7) Chloroethane-d5	2.897	69	17237	5.466	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	53152	5.398	ug/L	0.00
21) 2-Butanone-d5	7.092	46	9135	9.942	ug/L	0.00
24) Chloroform-d	7.647	84	53070	5.517	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23829	5.086	ug/L	0.00
32) Benzene-d6	8.275	84	90160	4.244	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	30358	4.884	ug/L	0.00
41) Toluene-d8	10.323	98	97420	5.130	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12288	5.291	ug/L	0.00
47) 2-Hexanone-d5	10.926	63	6731	9.659	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20282	4.798	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	30051	5.167	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.020	85	26045m	5.953	ug/L	
3) Chloromethane	2.221	50	25573	5.374	ug/L	99
5) Vinyl chloride	2.373	62	24993	5.148	ug/L	93
6) Bromomethane	2.794	94	17389	5.231	ug/L	92
8) Chloroethane	2.934	64	16148	5.328	ug/L	92
9) Trichlorofluoromethane	3.269	101	36381	5.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	24088	4.757	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	25551	5.083	ug/L	97
13) Acetone	4.147	43	10235	10.160	ug/L	89
14) Carbon disulfide	4.391	76	85435	5.201	ug/L	98
15) Methyl Acetate	4.690	43	8453m	5.578	ug/L	
16) Methylene chloride	4.921	84	36826	5.895	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	28055	5.197	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	38817	5.002	ug/L	99
19) 1,1-Dichloroethane	6.220	63	50142	5.217	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	29748	5.249	ug/L	99
22) 2-Butanone	7.177	43	12228	10.310	ug/L	87
23) Bromochloromethane	7.519	128	11603	4.970	ug/L	98
25) Chloroform	7.677	83	52519	5.312	ug/L	100
27) 1,2-Dichloroethane	8.403	62	26851	4.459	ug/L	98
29) Cyclohexane	7.964	56	38458	3.810	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	39596	3.983	ug/L	99
31) Carbon tetrachloride	8.067	117	37004	4.024	ug/L	97
33) Benzene	8.323	78	99057	4.084	ug/L	100
34) Trichloroethene	9.091	95	31798	4.680	ug/L	93
35) Methylcyclohexane	9.335	83	54682	4.509	ug/L	98
37) 1,2-Dichloropropane	9.366	63	27303	4.564	ug/L	97
38) Bromodichloromethane	9.640	83	34732	4.366	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	41144	4.201	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	21057	7.972	ug/L	97
42) Toluene	10.384	91	120484	4.995	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	32959	4.721	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	18610	4.936	ug/L	93
46) Tetrachloroethene	10.866	164	22541	5.192	ug/L	92
48) 2-Hexanone	10.969	43	14980	8.985	ug/L	99
49) Dibromochloromethane	11.128	129	21269	4.995	ug/L	99
50) 1,2-Dibromoethane	11.231	107	17304	5.010	ug/L #	100
51) Chlorobenzene	11.658	112	78052	4.917	ug/L	100
52) Ethylbenzene	11.731	91	139450	4.825	ug/L	98
53) m,p-Xylene	11.841	106	52697	4.811	ug/L	96
54) o-Xylene	12.164	106	48927	4.438	ug/L	93
55) Styrene	12.182	104	83677	4.482	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	20406	4.543	ug/L	97
59) Bromoform	12.347	173	10592	4.453	ug/L	98
60) Isopropylbenzene	12.463	105	137492	4.843	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	14213	4.769	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	111699	4.880	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	108330	4.724	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	57550	4.893	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	58280	5.021	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	49591	4.892	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.475	75	3309	4.753	ug/L #	64
69) 1,3,5-Trichlorobenzene	14.627	180	31333	4.096	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	26026	4.179	ug/L	97
71) Naphthalene	15.365	128	40896	3.592	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	22424	4.193	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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